



# SAFETY DATA SHEET

Product: MARC 155 EDGE RUNNER BASEBOARD CLEANER

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 155 EDGE RUNNER BASEBOARD CLEANER

SDS DATE: 08/03/16

SUPPLIER: Mid-American Research Chemical Corp.

ADDRESS: P. O. Box 927 Columbus, NE 68602-0927

PHONE: 402-564-7104 FAX: 402-563-1290

EMERGENCY PHONE: InfoTrac 1-800-535-5053

E-MAIL: marc@marc1.com

WEBSITE: www.marc1.com

RECOMMENDED USE: Cleaner. Removes all waxes, finishes from baseboards, floors, corners, edges, etc.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

### CLASSIFICATION:

Flammable Aerosol: Category 2

Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2b



HAZARD STATEMENT(S)/SIGNAL WORD: **WARNING:** Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin and eye irritation.

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces – No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves.

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

This product contains the following percentage of chemicals of unknown toxicity: 0%

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>
2-Butoxyethanol	111-76-2	10% - 30%
Propane/N-Butane	68476-86-8	7% - 13%
Non-ionic Surfactant	127087-87-0	1% - 5%

\*Designates that a specific chemical identity and /or percentage of composition has been withheld as a trade secret.

## SECTION 4: FIRST AID MEASURES

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**SKIN:** Wash skin with plenty of water. If skin irritation occurs: get medical attention.

**INGESTION:** Rinse mouth with water. **DO NOT INDUCE VOMITING** unless directed by medical authority. Seek immediate medical attention if irritation persists.

**INHALATION:** Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness, call a Poison Control Center or doctor for further treatment advice. Have a product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** There is no specific treatment regime. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.



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## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use media appropriate for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** Acrid smoke, oxides of carbon.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** **SPILL: Large quantities:** Should be picked up with oil dry or equivalent. **Small quantities:** May be flushed to the sewer with large quantities of water.

**PROTECTIVE EQUIPMENT:** Use personal protective devices as stated in Section 8.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Same as EMERGENCY PROCEDURES.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 7: HANDLING AND STORAGE

**GENERAL HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures above 50°C/122°F. Pressurized container. Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!!** Follow label directions exactly.

**INCOMPATIBILITY:** Strong acids.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Non-ionic surfactant	Not Established	Not Established

**ENGINEERING CONTROLS/ VENTILATION:** General ventilation and local exhaust should be adequate.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

**EYE PROTECTION:** Safety glasses are always recommended when using chemicals.

**SKIN PROTECTION/PROTECTIVE GLOVES:** Chemical resistant gloves.

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE-</b>	
<b>PHYSICAL STATE/COLOR:</b>	White foam. Aerosol Spray
<b>ODOR:</b>	Ammonia odor.
<b>ODOR THRESHOLD:</b>	5ppm
<b>FREEZING POINT:</b>	N/D
<b>BOILING POINT:</b>	N/D
<b>FLASH POINT:</b>	N/D
<b>AUTO-IGNITION TEMPERATURE:</b>	N/D
<b>LOWER FLAMMABILITY LIMIT:</b>	N/D
<b>UPPER FLAMMABILITY LIMIT:</b>	N/D
<b>VAPOR PRESSURE (mmHg):</b>	17.5 @ 77°F (25° C)
<b>VAPOR DENSITY (AIR = 1):</b>	1
<b>EVAPORATION RATE:</b>	>1
<b>SPECIFIC GRAVITY:</b>	0.99 @ 77°F (25° C)
<b>pH:</b>	9.75
<b>SOLIDS (%):</b>	N/D
<b>SOLUBILITY IN WATER:</b>	100%
<b>PARTITION COEFFICIENT, n-OCTANOL/WATER (Kow):</b>	N/D
<b>VOLATILITY INCLUDING WATER (%):</b>	99%
<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	25%
<b>DIELECTRIC STRENGTH (Volts):</b>	N/A
<b>DECOMPOSITION TEMPERATURE:</b>	N/D
<b>VISCOSITY:</b>	N/D

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** Chemically active metals and acids.

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Do not mix with strong acids.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong acids.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.

**POSSIBLE HAZARDOUS REACTIONS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **2-Butoxyethanol** (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation ,Rat, 4hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg

**ROUTES OF ENTRY:** Eyes, ingestion, skin.

**EYES:** Causes mild irritation.

**SKIN:** Brief contact is not irritating. May cause irritation, dryness, redness localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.

**INGESTION:** May cause nausea, diarrhea, vomiting, depending on the amount ingested.

**INHALATION:** Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.



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**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

**ACUTE HEALTH HAZARDS:** **EYES:** redness, tearing, blurred vision. **SKIN:** defatting and dermatitis.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** 2-Butoxyethanol (111-76-2) toxic to aquatic life only in high concentrations, lethal concentrations not available.

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

**CONTAINER SIZES(S):** AEROSOL 18 OZ.  
**PROPER SHIPPING NAME:** CLEANING COMPOUND  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENT:** LTD QTY

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT STATUS):** All chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None.

**SARA 313 REPORTABLE INGREDIENTS:** None.

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** California's Proposition 65: None

### INTERNATIONAL REGULATIONS:

2-Butoxy Ethanol (111-76-2), Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).



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## SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 2  
Flammability = 1  
Reactivity = 0  
Other = -  
Protection = B

REVISION DATE: 08/03/16

**DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.